

XP-002248413

AN - 1994-283389 [35]

A - [001] 017 02& 034 040 074 075 076 077 081 082 084 085 098 13- 145 264  
265 266 28& 297 311 316 318 332 342 344 355 361 392 398 40- 44& 528  
531 532 536 546 575 583 589 59& 679 691 725

- [002] 017 028 147 226 231 239 31- 336 58- 688 720 723

- [003] 017 03& 034 066 067 143 146 305 341 342 364 365 477 48- 51& 656  
688 725

- [004] 017 038 139 185 189 273 311 341 721

AP - JP19930024899 19930119; [Previous Publ. JP6211951 ] ; JP19930024899  
19930119

CPY - SANN

DC - A14 A60 G02

DR - 0426-U 0859-U

FS - CPI

IC - C08F220/18 ; C08F220/20 ; C08F220/28 ; C08F290/06 ; C08F299/02 ;  
C08J3/22 ; C08L33/04 ; C09C3/10 ; C09D17/00 ; C09D101/00

KS - 0004 0013 0206 0218 0219 0224 0226 0228 0419 0496 0503 0538 0559 0566  
0587 0594 0601 0787 0788 1276 1279 1288 1581 1587 1737 1999 2014 2021  
2024 2025 2066 2071 2116 2123 2172 2208 2272 2285 2297 2299 2300 2318  
2319 2321 2336 2366 2507 2572 2585 2676 2718 2792 3003 3014 3152 3182  
3204 3205 3206

MC - A04-F06E7 A12-B01E A12-W11H G02-A02C G02-A03

PA - (SANN ) SANYO CHEM IND LTD

PN - JP3049407B2 B2 20000605 DW200032 C09D17/00 006pp

- JP6211951 A 19940802 DW199435 C08F299/02 006pp

PR - JP19930024899 19930119

XA - C1994-129313

XIC - C08F-220/18 ; C08F-220/20 ; C08F-220/28 ; C08F-290/06 ; C08F-299/02 ;  
C08J-003/22 ; C08L-033/04 ; C09C-003/10 ; C09D-017/00 ; C09D-101/00

AB - J06211951 A resin for the dispersion of pigments comprises a copolymer  
of (a) a 1-4C alkyl gp.-contg. (meth)acrylate; (b) a 6-30 C alkyl  
gp.-contg. (meth)acrylate; and (c) a polyoxyalkylene gp.-contg.  
polymerisable monomer.

- The wt. ratio of (a)/(b) is 30-95:5-70. The wt. ratio of (a+b)/(c) is  
40-98:2-60. The copolymer has a number average mol. wt. of  
1000-10,000. The resin is used in nonaq. system. (c) is polyalkylene  
glycol mono(meth)acrylate.

- (a) is pref. methylmethacrylate, t-butyl methacrylate. (b) is pref.  
hexyl (meth)acrylate, octyl (meth)acrylate, 2-ethylhexyl  
(meth)acrylate, dodecyl (meth)acrylate. The copolymer may contain  
below 30 (20) wt.% of comonomers. Pref. (a)-(c) are radical  
soln.-polymerised at 50-180 deg. C.

- USE/ADVANTAGE - The resin is used for dispersion of pigments. The  
resin has good pigment-dispersibility and compatibility with resins  
for paints. Pigment masterbatches prepd. by using the resin are used  
as colouring agents for alkyd paints, acrylic lacquer paints, acrylic  
melamine paints, vinyl acetate paints, etc.(Dwg.0/0)

IW - RESIN DISPERSE PIGMENT PAINT COMPRISE COPOLYMER ALKYL GROUP CONTAIN  
METHO POLYACRYLATE ALKYL GROUP CONTAIN METHO POLYACRYLATE  
POLYOXYALKYLENE GROUP CONTAIN MONOMER

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METHO POLYACRYLATE ALKYL GROUP CONTAIN METHO POLYACRYLATE  
POLYOXYALKYLENE GROUP CONTAIN MONOMER

NC - 001

OPD - 1993-01-19

ORD - 1994-08-02

PAW - (SANN) SANYO CHEM IND LTD

TI - Resin for dispersion of pigments used in paint - comprises copolymer  
of 1-4C alkyl gp.-contg. (meth)acrylate] 6-30C alkyl gp.-contg.  
(meth)acrylate] and polyoxyalkylene gp.-contg. monomer

A01 - [001] 017 ; G0373 G0340 G0339 G0260 G0022 D01 D12 D10 D51 D53 D58 D63  
F41 G0419 G0384 D11 D95 F27 F26 H0204 ; G0340-R G0339 G0260 G0022 D01

D12 D10 D51 D53 D58 D63 F41 G0384-R D11 D84 D85 D86 D87 D88 ; R00479  
G0384 G0339 G0260 G0022 D01 D11 D10 D12 D51 D53 D58 D63 D85 F41 ;

R11165 G0395 G0384 G0339 G0260 G0022 D01 D11 D10 D12 D51 D53 D58 D63  
D88 F41 ; G0340-R G0339 G0260 G0022 D01 D12 D10 D51 D53 D58 D63 F41

G0384-R D11 D90 D91 D92 D93 D94 D95 D89 G0373 G0340 G0419 G0384 ;  
R24055 G0340 G0339 G0260 G0022 D01 D11 D10 D12 D51 D53 D58 D63 D89 F41

; R00745 G0340 G0339 G0260 G0022 D01 D11 D10 D12 D51 D53 D58 D63 D91  
F41 ; R17881 G0384 G0339 G0260 G0022 D01 D11 D10 D12 D51 D53 D58 D63

D92 F41 ; R24019 G0384 G0339 G0260 G0022 D01 D11 D10 D12 D51 D53 D58  
D63 D93 F41 ; R00460 G0306 G0271 G0260 G0022 D01 D12 D10 D51 D53 D58

D60 D84 F36 F35 ; R01463 G0408 G0384 G0339 G0260 G0022 D01 D11 D10  
D12 D51 D53 D58 D63 D86 F27 F26 F41 ; L9999 L2528 L2506 ; L9999

L2664 L2506 ; S9999 S1627 S1605 ; A999 A624-R A566 ; A999 A782 ;  
A999 A748 ; H0033 H0011 ; P0088 ;

- [002] 017 ; ND04 ; B9999 B3430 B3372 ; B9999 B3418-R B3372 ;  
K9756-R K9745 ; B9999 B5094 B4977 B4740 ; N9999 N6439 ; N9999 N5709

; B9999 B4535 ;  
- [003] 017 ; R00426 D01 D11 D10 D50 D88 F12 F13 ; C999 C088-R C000 ;

C999 C293 ;  
- [004] 017 ; G2437-R G2426 D01 D11 D10 D50 D92 F04 ; C999 C215 ;

C999 C293 ;  
- [005] 017 ; G2595-R D01 D11 D10 D50 D63 D86 F41 G3430 D02 D19 D18 D31

D88 ; A999 A475 ; A999 A771 ;  
A02 - [001] 017 ; G1558-R D01 F47 ; P0975 P0964 F34 D01 D10 ; P0055 ;

H0000 ; M9999 M2153-R ; M9999 M2186 ; M9999 M2017 ; M9999 M2813 ;  
H0191 ;

A03 - [001] 017 ; P0840 P0839 F41 D01 D63 ;  
- [002] 017 ; P0088-R ;

- [003] 017 ; P0088-R ;  
- [004] 017 ; R00835 G0566 G0022 D01 D11 D10 D12 D51 D53 D58 D63 D84

F41 ; H0000 ; H0011-R ;  
- [005] 017 ; ND00 ; Q9999 Q7158-R Q7114 ;

- [006] 017 ; A999 A102 A077 ; A999 A624-R A566 ; A999 A748 ; A999  
A157-R ;

A04 - [001] 017 ; R00859 G1809 G1649 D01 D23 D22 D31 D45 D50 D83 F19 F10  
F07 ; H0011-R ; P0259-R P0226 D01 ; A999 A157-R ; A999 A782 ;